

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("6488161").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 16:48
S2	1694	182/2.1-2.11,62.5-69.6. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/23 17:42
S3	2	S2 and (simultaneously or simultaneous) with (pivot or pivoting)with (telescope or telescoping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 18:01
S4	9	("2598685"   "4070807"   "Re23466").PN. OR ("4188757").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/19 16:55
S5	12275	"212"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:01
S6	5	S5 and (simultaneously or simultaneous) with (pivot or pivoting)with (telescope or telescoping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/23 17:59
S7	4	S2 and inclinometer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:54
S8	12	S5 and inclinometer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:09
S9	9	S2 and (simultaneously or simultaneous) with (pivot or pivoting or raising or raise)with (telescope or telescoping or extend or extending)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:44

S10	21	S5 and (simultaneously or simultaneous) with (pivot or pivoting or raising or raise)with (telescope or telescoping or extend or extending)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:44
S11	7	boom and (simultaneously or simultaneous) with (pivot or pivoting)with (telescope or telescoping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:53
S12	2	mast and (simultaneously or simultaneous) with (pivot or pivoting)with (telescope or telescoping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:53
S13	105	boom and inclinometer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:57
S14	120812	"340"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:57
S15	0	S14 and (simultaneously or simultaneous) with (pivot or pivoting)with (telescope or telescoping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:58
S16	59	S2 and controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 18:01
S17	32006	"701"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 18:07
S18	0	S17 and (simultaneously or simultaneous) with (pivot or pivoting)with (telescope or telescoping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 18:02
S19	57	S2 and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 18:02

S20	424	S17 and boom	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 18:07
S21	286	S20 and angle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 18:08
S22	214	S21 and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 18:08
S23	207	S22 and (control or controller)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 18:08
S24	10	S23 and inclinometer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 18:11
S25	105	boom and inclinometer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 18:13
S26	444	boom and rotation with sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 18:13
S27	209	S26 and (pivot or pivoting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 18:14
S28	155	S27 and angle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 18:14
S29	6706	"2" and angle with indicator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/23 17:40

S30	6706	"2" and angle with indicator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/23 17:41
S31	1694	182/2.1-2.11,62.5-69.6. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/23 17:43
S32	7	S31 and angle with indicator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/23 17:43
S33	3	("3625304").URPN.	USPAT	OR	OFF	2005/05/23 17:52
S34	50	S30 and (simultaneously or simultaneous) and (pivot or pivoting) and (telescope or telescoping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/23 18:01
S35	50	S31 and (simultaneously or simultaneous) and (pivot or pivoting) and (telescope or telescoping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/23 18:01
S36	429	(182/2.8-2.11).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/24 10:15
S37	121	182/2.9.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/24 12:11
S38	26	S37 and switch	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/24 12:02
S39	100	182/2.8.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/24 12:11
S40	11	S39 and switch	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/24 12:13

S41	706	182/2.1-2.11.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/24 12:14
S42	90	S41 and switch	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/24 12:14
S43	4	((("4775029") or ("5249643"))).PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/24 22:28
S44	121	(182/2.9).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/24 22:35
S45	246	(182/2.11).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/24 22:35
S46	668	boom and (pivot or raise or lower) and (telescope or telescopic or telescoping) and (simultaneous or simultaneously) and (independent or independently)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 10:24
S47	216	S46 and switch	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 10:25
S48	2	("6170606").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 12:54
S49	15	("3132718"   "3910044"   "3916767"   "3955474"   "3960284").PN. OR ("4113054").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/20 15:35

S50	31	("3757895"   "3774217"   "3809182"   "4160492"   "4252213"   "4366366"   "4456093"   "4722044"   "4724924"   "4791549"   "4917213"   "5021917"   "5058752"   "5088020"   "5107954"   "5268591"   "5404661"   "5934409"   "5992562"   "6065565"). PN. OR ("6405114"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/20 17:57
S51	23	("3543910"   "3726428"   "3802589"   "4162873"   "4178591"   "4288196"   "4332517"   "4482288"). PN. OR ("4791549"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/20 18:12
S52	844	182/2.1-2.11.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/20 18:12
S53	297	S52 and angle	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/20 18:12
S54	4	S53 and inclinometer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/20 18:15
S55	5	S52 and inclinometer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/20 18:16
S56	8	S53 and envelope	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/20 18:18
S57	75	S53 and stability	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/20 18:18
S58	12495	"212"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 12:01
S59	1710	S58 and angle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 12:02
S60	420	S59 and stability	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 12:02
S61	282	S60 and boom	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 12:08

S62	118	S61 and (gravity or inclinometer)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 12:09
S63	39915	"701"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 12:20
S64	547	S63 and boom	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 12:20
S65	358	S64 and angle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 12:20
S66	148	S65 and (telescopic or telescope or extension)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 12:21
S67	25	S66 and (simultaneous or simult)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 12:21
S68	2	("5446980").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/27 15:00
S69	2	("6543578").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 11:34
S70	2	("20050189168").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 08:30
S71	2	("5446980").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 08:43

S72	84083	"414"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 10:30
S73	685	S72 and predetermined near path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 10:30
S74	37	S73 and boom	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 10:31
S75	23792	"37"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 10:59
S76	55	S75 and (predetermined or pre adj determined) near path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 11:00
S77	16	boom same (predetermined or pre adj determined) near path same angle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 11:13
S78	10	("20030173151"   "3710368"   "4063649"   "4179010"   "4188757"   "5251768"   "5390104"   "5446980"   "6488161"   "6543578").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 11:18
S79	40	boom and (predetermined or pre adj determined) near path same angle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 11:21
S80	49	boom and (predetermined or pre adj determined or determined) near path same angle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 11:25
S81	368	boom and (predetermined or pre adj determined or determined) near path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 11:28



S82	26	tower same boom and (predetermined or pre adj determined or determined) near path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 11:28
S83	0	"182"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 11:55
S84	22955	"182"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 11:56
S85	98	S84 and boom and path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 11:56
S86	839	S72 and boom and path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 12:09
S87	7211187	S72 and boom and path control	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 12:09
S88	12688	"212"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 12:10
S89	45	S88 and boom and (predetermined or pre adj determined) same path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 12:10
S90	7	("3265220"   "3489293").PN. OR ("3735876").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 12:37
S91	3	("3735876").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 12:48
S92	1179	boom and automatic and control and predetermined and path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 12:49

S93	51	boom and automatic same control and predetermined near path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 12:49
S94	598	37/348.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 13:11
S95	140	S94 and path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 13:11
S96	235	212/276.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 13:41
S97	14	S96 and pre	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 13:42
S98	53	S96 and path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 13:43
S99	100	S96 and predetermined	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 13:44
S100	38	S96 and predetermined and path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 13:44
S101	38	S96 and automatic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 13:54
S102	2254	boom and automatic and control\$4 and path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 13:59

S103	231	boom and automatic and control\$4 and (predetermined or pre adj determined or pre adj selected) with path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 14:00
S104	177	S103 and angle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/08 14:00
S105	3	("3735876").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 14:15
S106	2	("5390104").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 14:53
S107	2	("6543578").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 15:04
S108	2	("5390104").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 15:18
S109	11	((("3980142") or ("4679653") or ("5257177") or ("5913379") or ("5944204"))).PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/09 15:42
S110	2	("4722044").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/09 16:45
S111	31	("4514796"   "4722044"   "5088020"   "5160239").PN. OR ("5257177").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/09 16:46
S112	7	("3190391"   "3834488"   "5584356").PN. OR ("5913379").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/09 16:54

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